

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077924.D
 Acq On : 26 May 2023 13:53
 Operator : JC\MD
 Sample : 02924-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-002-003-1

Quant Time: May 29 00:28:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	383534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	703511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	598481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	188263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	264601	46.109	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.220%
35) Dibromofluoromethane	8.171	113	223329	48.682	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.360%
50) Toluene-d8	10.571	98	849242	48.095	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.180%
62) 4-Bromofluorobenzene	12.853	95	278572	44.669	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.340%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1693	Below Cal		93
10) Methyl Iodide	4.612	142	2046	0.404	ug/l #	70
11) Tert butyl alcohol	5.530	59	406	0.513	ug/l #	72
13) Acrolein	4.189	56	347	Below Cal	#	63
16) Acetone	4.447	43	18499	10.246	ug/l	98
17) Carbon Disulfide	4.724	76	2544	0.234	ug/l #	94
20) Methylene Chloride	5.277	84	13364	0.904	ug/l #	85
25) 2-Butanone	7.506	43	2082	0.737	ug/l #	59
28) Bromochloromethane	7.971	49	1476	0.401	ug/l #	5
29) Tetrahydrofuran	7.841	42	402	0.217	ug/l #	44
30) Chloroform	7.965	83	17910	1.913	ug/l	88
31) Cyclohexane	8.235	56	9141	1.172	ug/l #	4
36) 1,1-Dichloropropene	8.230	75	32068	4.779	ug/l #	48
38) Carbon Tetrachloride	8.235	117	42410	6.259	ug/l #	16
42) 1,2-Dichloroethane	8.677	62	1524	0.212	ug/l #	73
47) Bromodichloromethane	9.888	83	7500	1.084	ug/l #	98
49) 1,4-Dioxane	9.718	88	119	1.360	ug/l #	30
51) 4-Methyl-2-Pentanone	10.447	43	1469	0.253	ug/l #	76
52) Toluene	10.635	92	2610	0.212	ug/l	98
59) 2-Hexanone	11.200	43	2014	0.469	ug/l	67
60) Dibromochloromethane	11.359	129	3737	0.740	ug/l	86
71) Bromoform	12.576	173	621	0.208	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	143142	30.360	ug/l #	1
77) Bromobenzene	12.988	156	952	0.257	ug/l #	76
81) trans-1,4-Dichloro-2-b...	12.853	75	143142	97.047	ug/l #	15
82) 4-Chlorotoluene	13.223	91	3604	0.317	ug/l	81
87) 1,3-Dichlorobenzene	13.741	146	2310	0.337	ug/l	95
88) 1,4-Dichlorobenzene	13.741	146	2310	0.340	ug/l	92
89) n-Butylbenzene	14.064	91	3116	0.251	ug/l	86
91) 1,2-Dichlorobenzene	14.112	146	7382	1.154	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	206	0.213	ug/l #	20
93) 1,2,4-Trichlorobenzene	15.394	180	2073	0.554	ug/l	81
94) Hexachlorobutadiene	15.500	225	949	0.611	ug/l	91
95) Naphthalene	15.647	128	8434	0.655	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.847	180	2882	0.787	ug/l	93

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Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

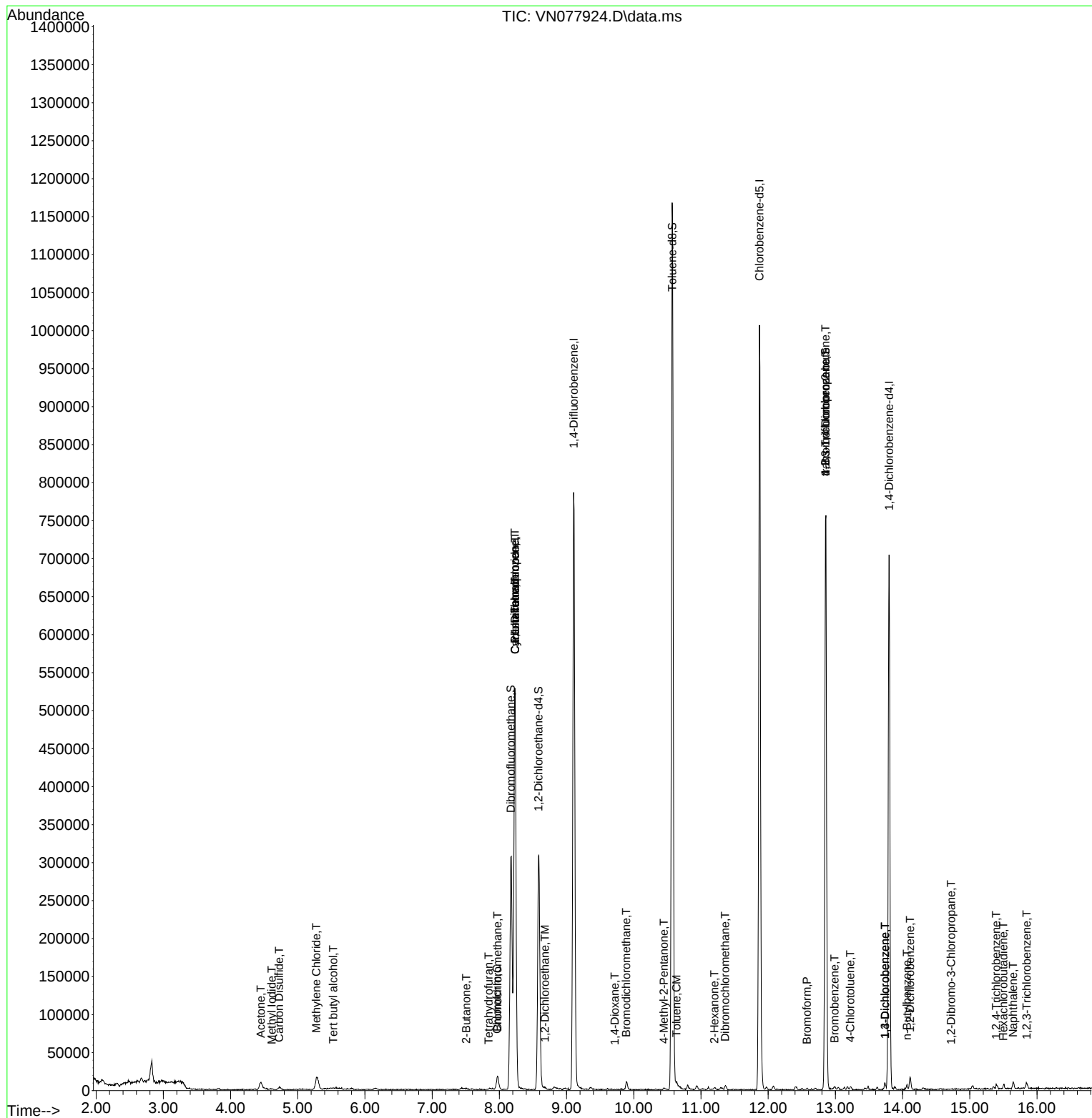
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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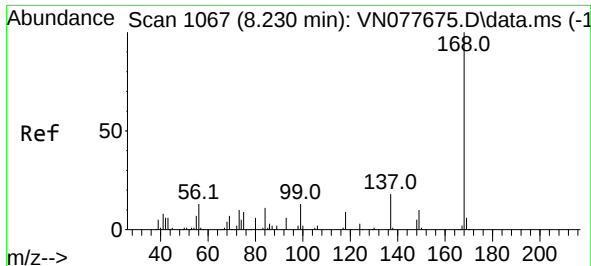
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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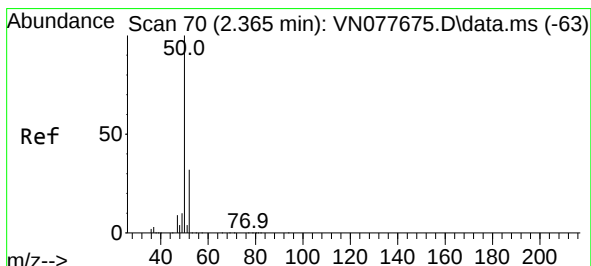
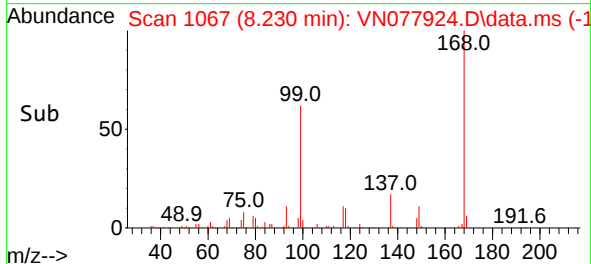
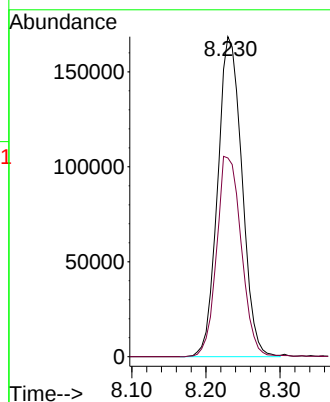
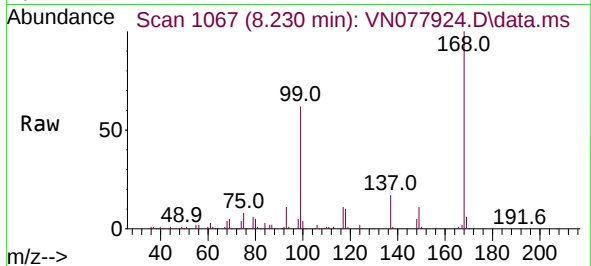




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

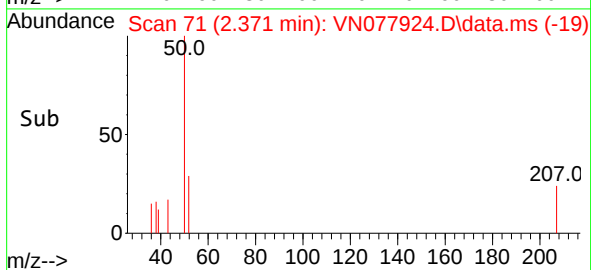
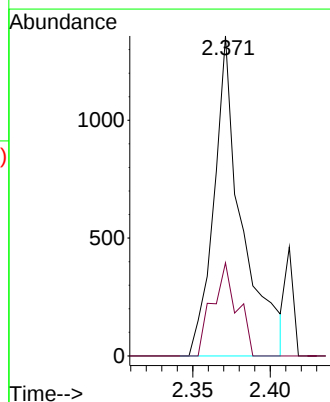
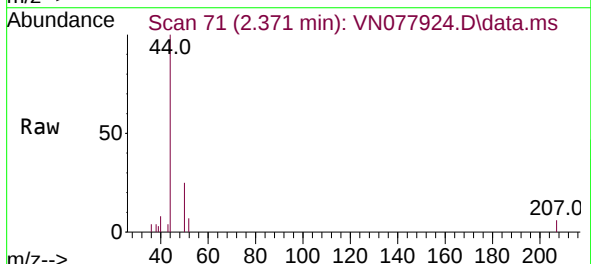
Instrument :
MSVOA_N
ClientSampleId :
001-002-003-1

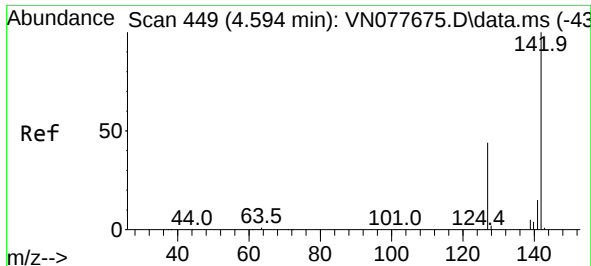
Tgt Ion:168 Resp: 383534
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

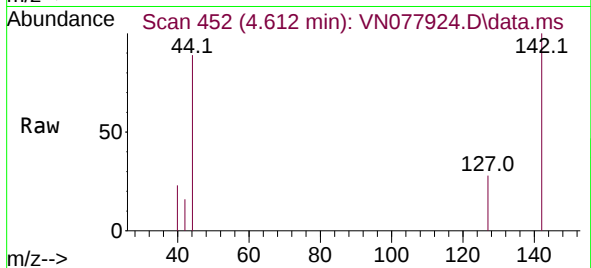
Tgt Ion: 50 Resp: 1693
Ion Ratio Lower Upper
50 100
52 29.1 26.5 39.7



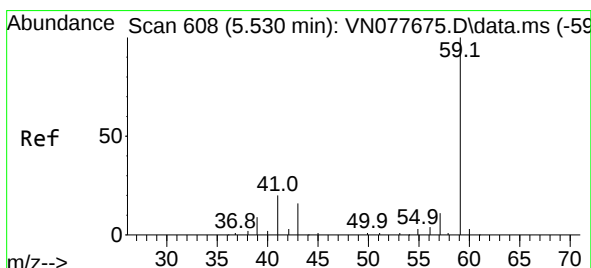
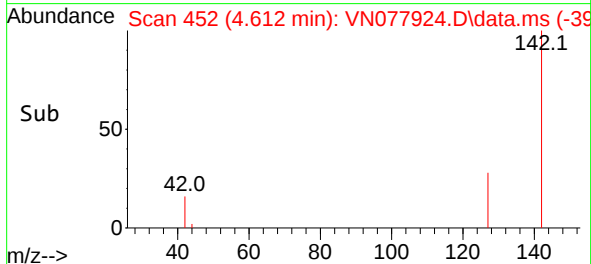
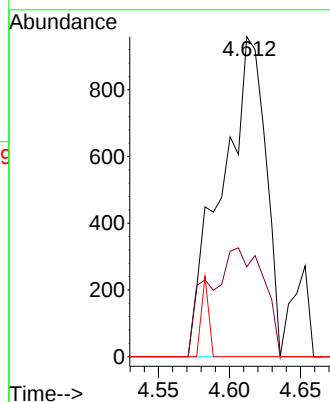


#10
Methyl Iodide
Concen: 0.404 ug/l
RT: 4.612 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

Instrument :
MSVOA_N
ClientSampleId :
001-002-003-1

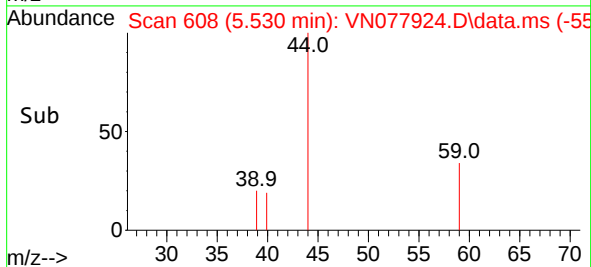
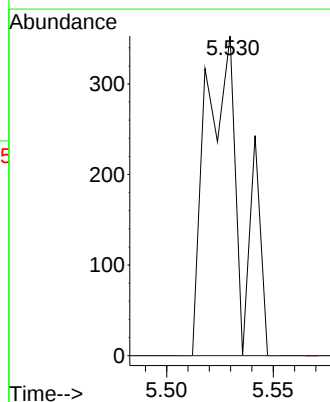
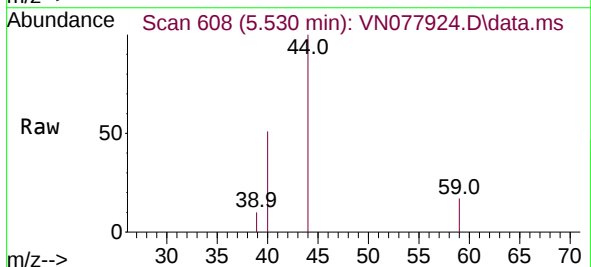


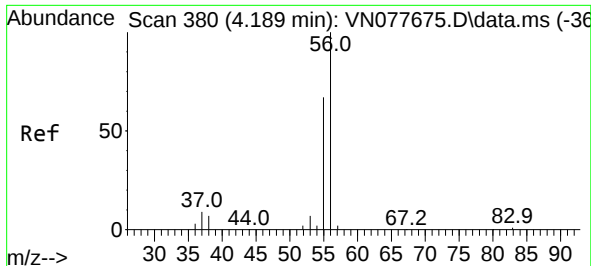
Tgt Ion:142 Resp: 2046
Ion Ratio Lower Upper
142 100
127 28.1 37.6 56.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.513 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

Tgt Ion: 59 Resp: 406
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

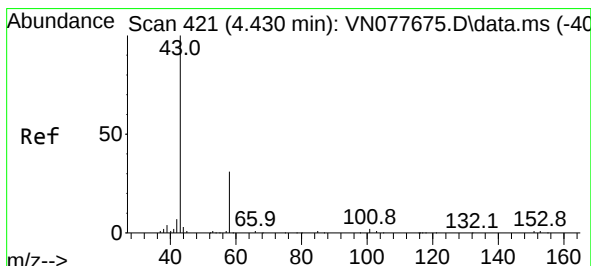
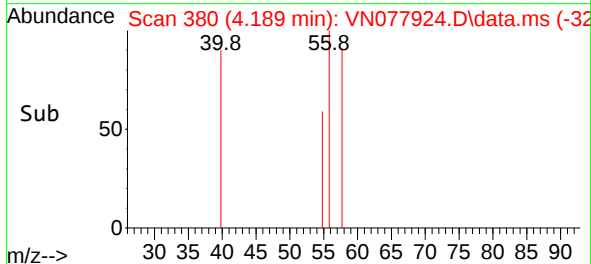
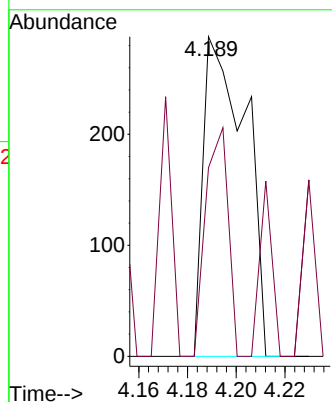
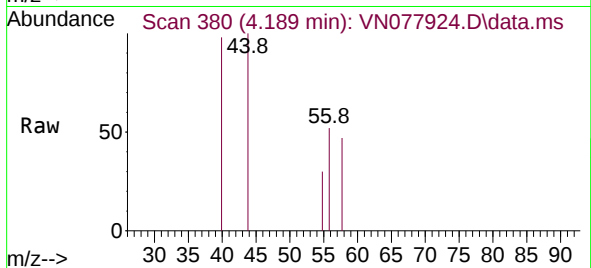




#13
Acrolein
Concen: Below Cal
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

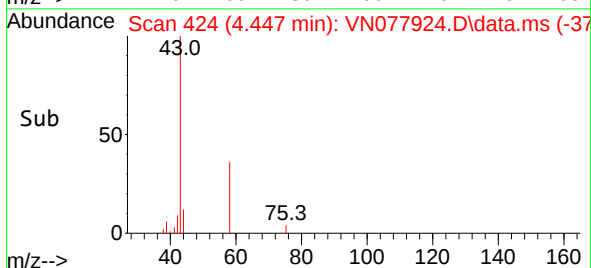
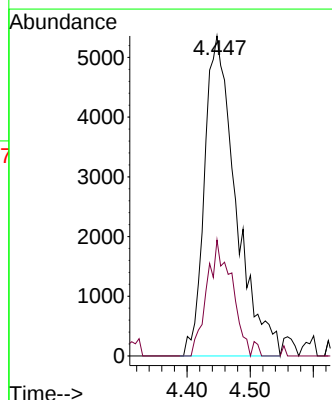
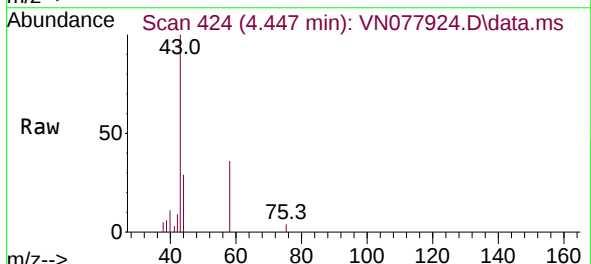
Instrument :
MSVOA_N
ClientSampleId :
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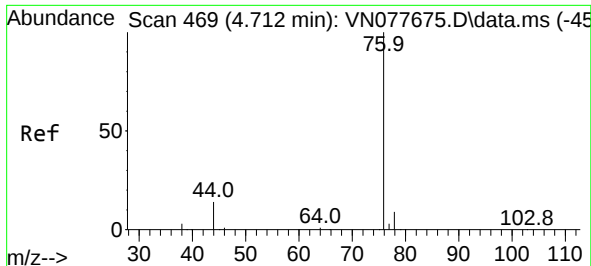
Tgt Ion: 56 Resp: 347
Ion Ratio Lower Upper
56 100
55 38.3 54.5 81.7#



#16
Acetone
Concen: 10.246 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

Tgt Ion: 43 Resp: 18499
Ion Ratio Lower Upper
43 100
58 36.2 28.0 42.0

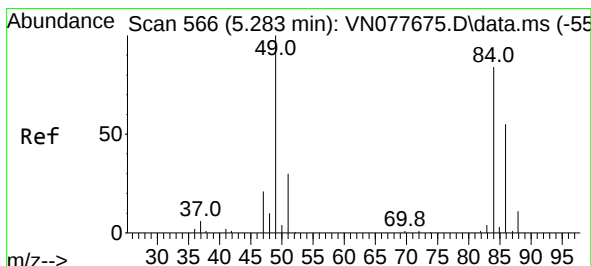
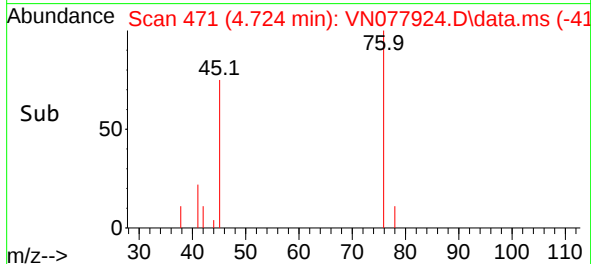
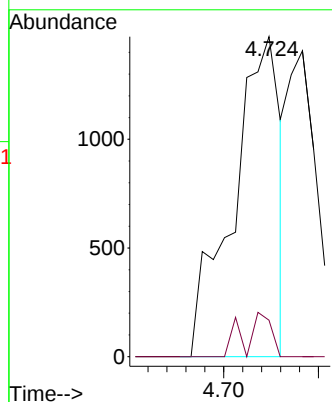
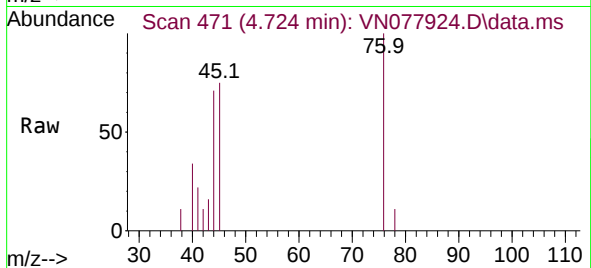




#17
Carbon Disulfide
Concen: 0.234 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

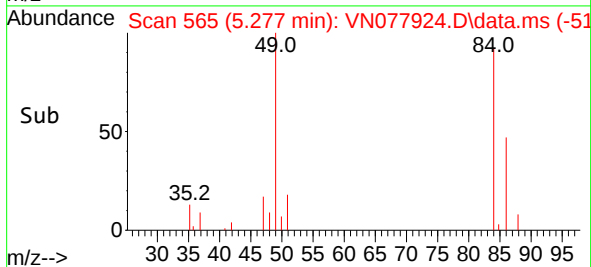
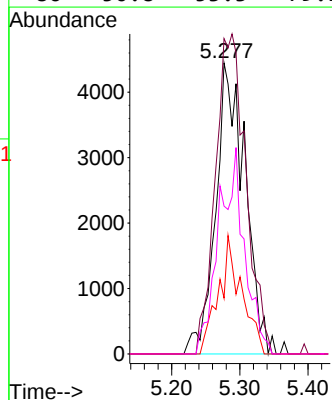
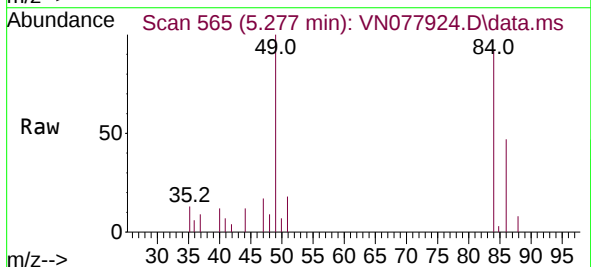
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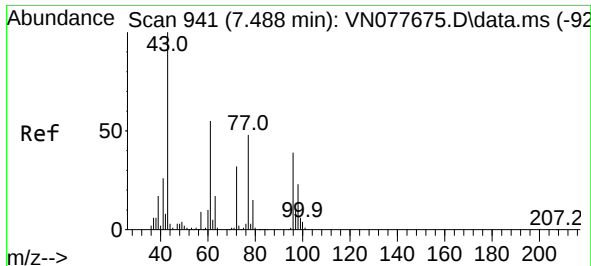
Tgt Ion: 76 Resp: 2544
Ion Ratio Lower Upper
76 100
78 11.4 7.4 11.0#



#20
Methylene Chloride
Concen: 0.904 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

Tgt Ion: 84 Resp: 13364
Ion Ratio Lower Upper
84 100
49 108.4 79.7 119.5
51 19.2 25.2 37.8#
86 50.8 53.3 79.9#

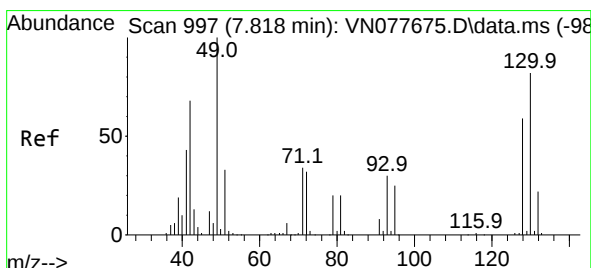
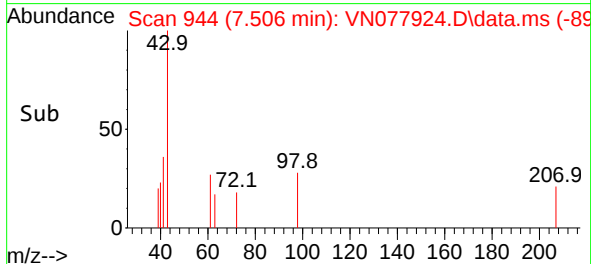
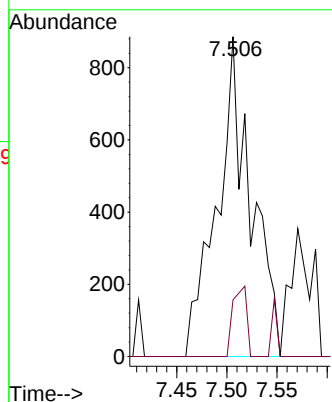
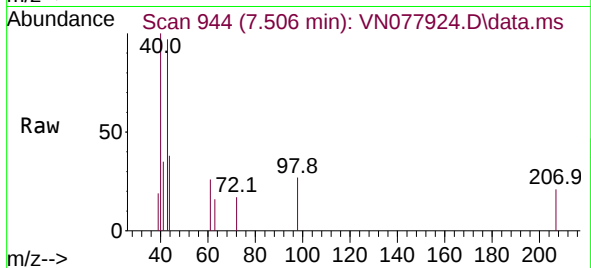




#25
2-Butanone
Concen: 0.737 ug/l
RT: 7.506 min Scan# 941
Delta R.T. 0.018 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

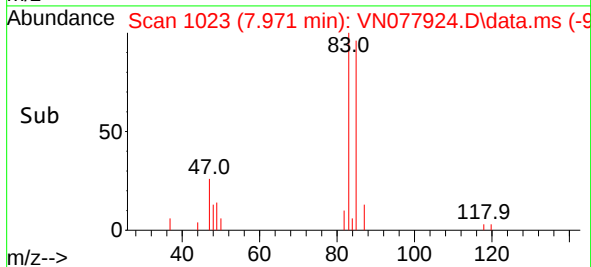
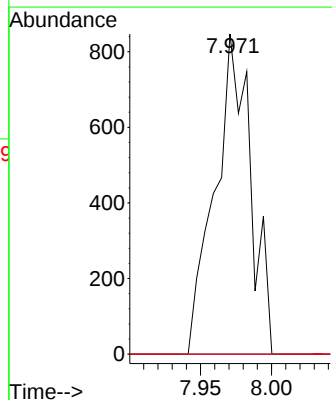
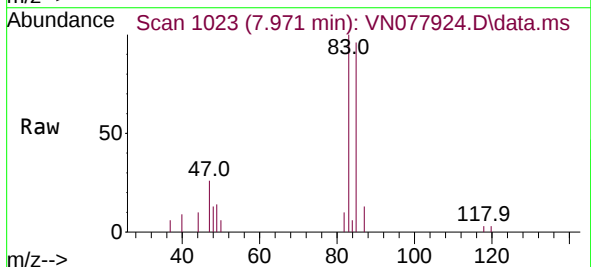
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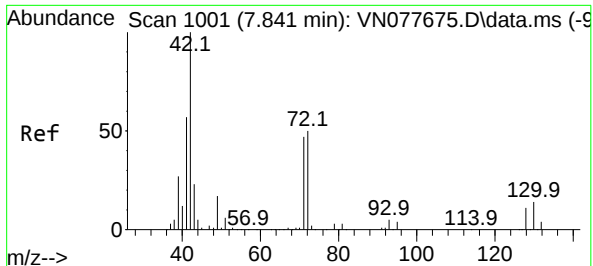
Tgt Ion: 43 Resp: 2082
Ion Ratio Lower Upper
43 100
72 12.8 30.2 45.2#



#28
Bromochloromethane
Concen: 0.401 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.153 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

Tgt Ion: 49 Resp: 1476
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 0.0 75.3 112.9#





#29

Tetrahydrofuran

Concen: 0.217 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN077924.D

Acq: 26 May 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

001-002-003-1

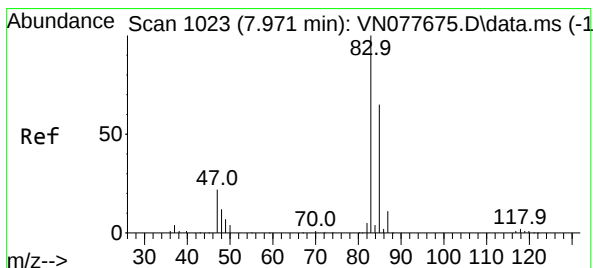
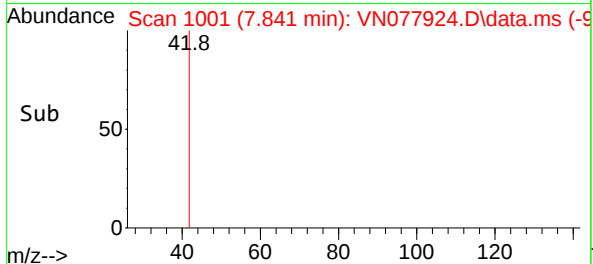
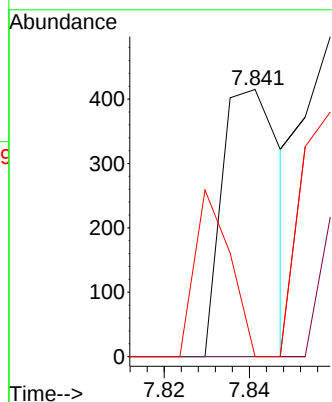
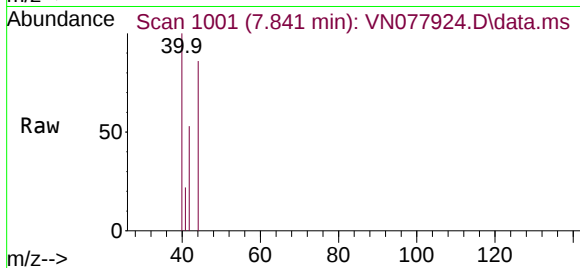
Tgt Ion: 42 Resp: 402

Ion Ratio Lower Upper

42 100

72 0.0 49.8 74.6#

71 36.8 47.4 71.2#



#30

Chloroform

Concen: 1.913 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN077924.D

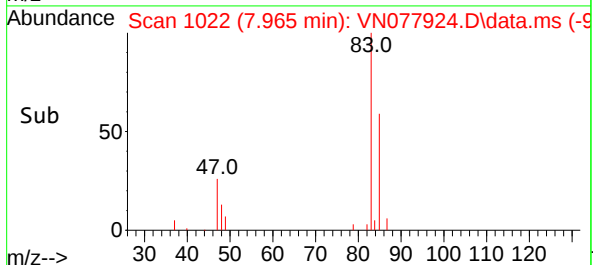
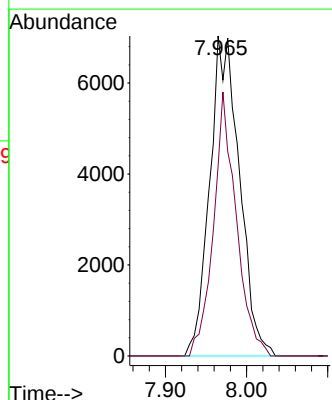
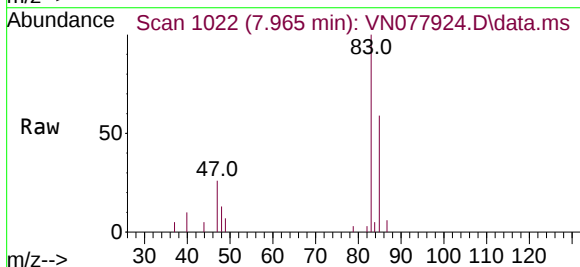
Acq: 26 May 2023 13:53

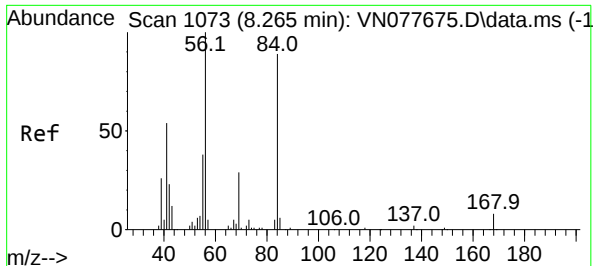
Tgt Ion: 83 Resp: 17910

Ion Ratio Lower Upper

83 100

85 59.4 55.4 83.0

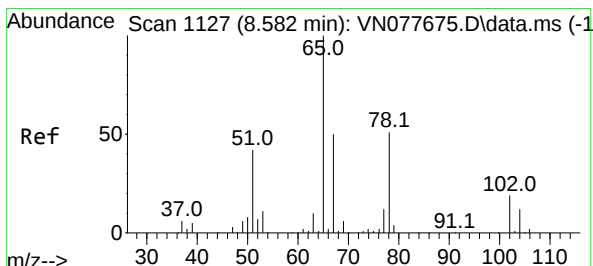
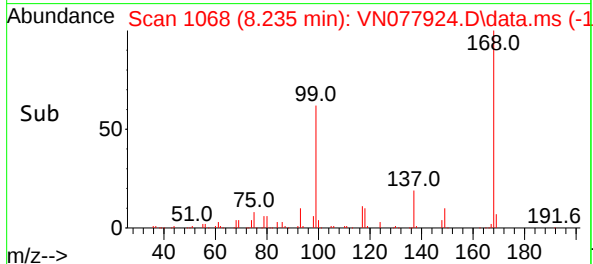
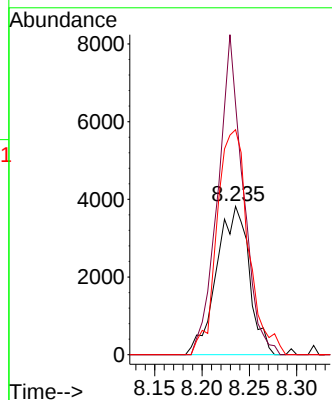
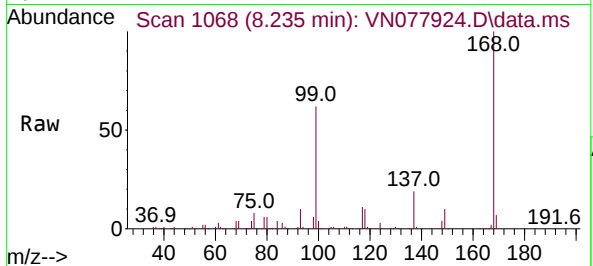




#31
Cyclohexane
Concen: 1.172 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

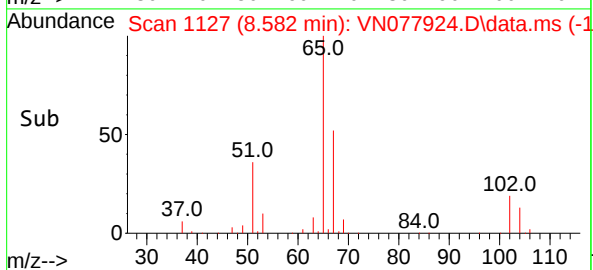
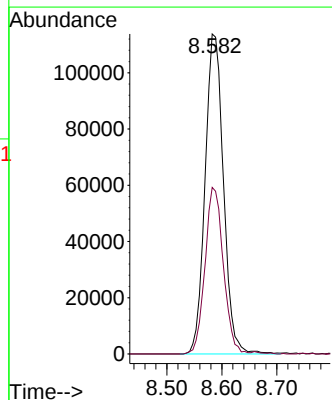
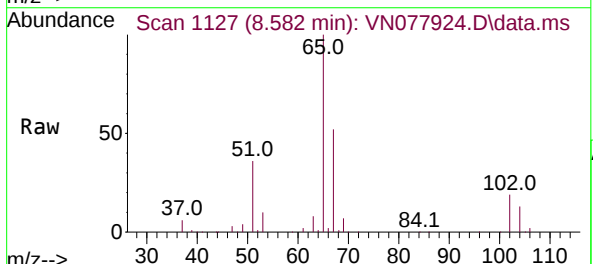
Instrument :
MSVOA_N
ClientSampleId :
001-002-003-1

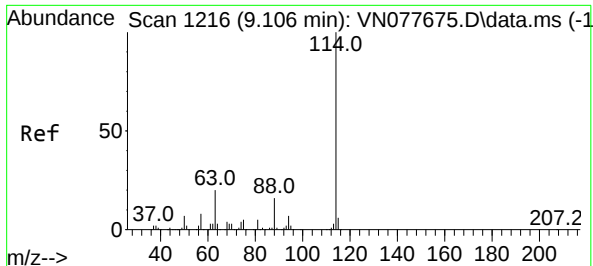
Tgt Ion: 56 Resp: 9141
Ion Ratio Lower Upper
56 100
69 169.0 26.8 40.2#
84 151.6 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 46.109 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

Tgt Ion: 65 Resp: 264601
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077924.D

Acq: 26 May 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

001-002-003-1

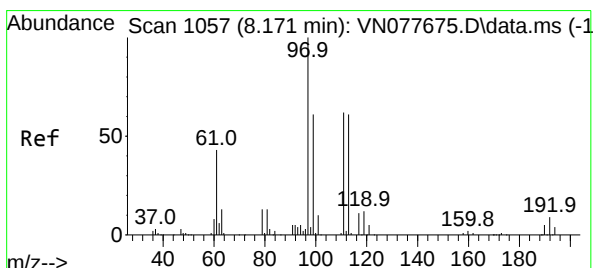
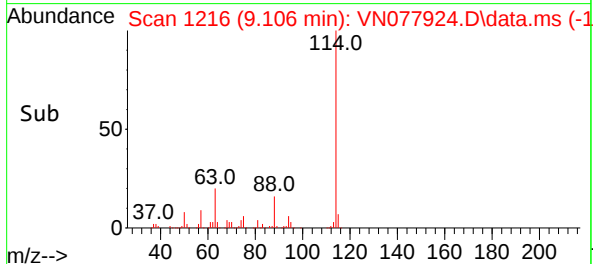
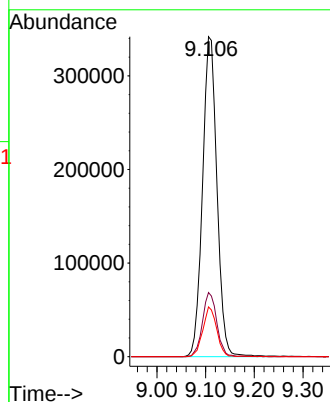
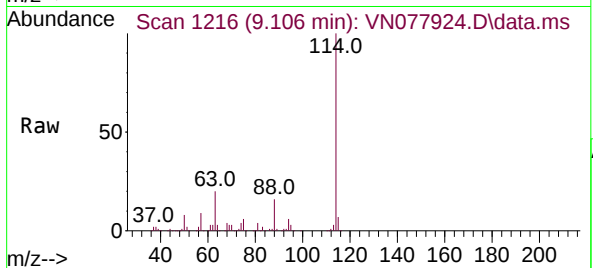
Tgt Ion:114 Resp: 703511

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.682 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077924.D

Acq: 26 May 2023 13:53

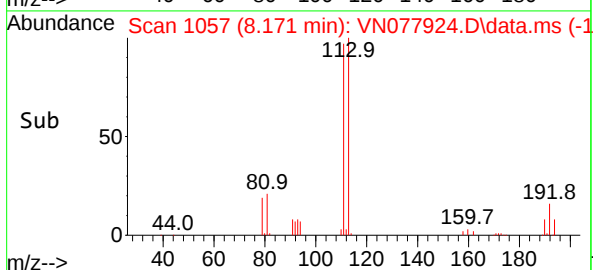
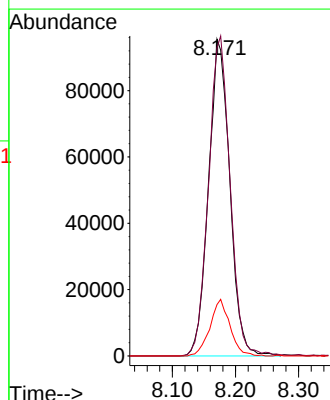
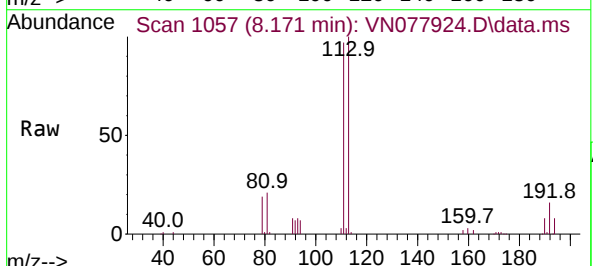
Tgt Ion:113 Resp: 223329

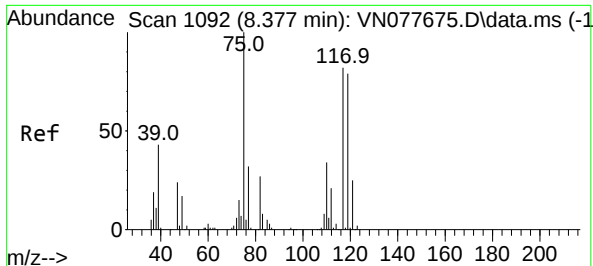
Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 16.8 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.779 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN077924.D

Acq: 26 May 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

001-002-003-1

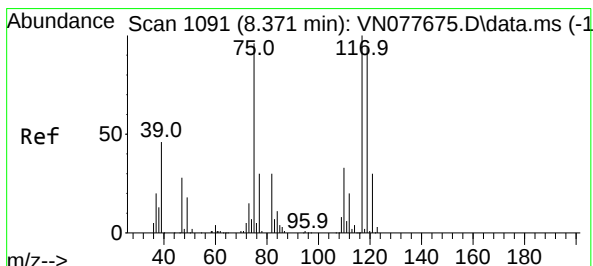
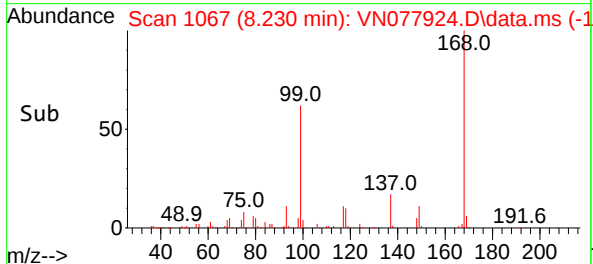
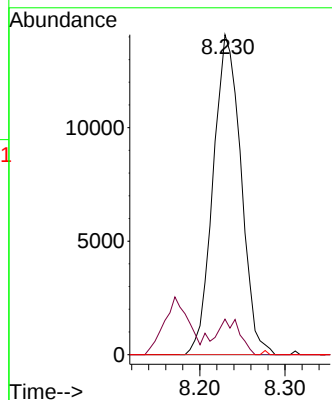
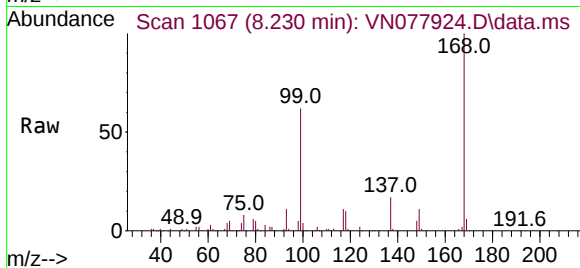
Tgt Ion: 75 Resp: 32068

Ion Ratio Lower Upper

75 100

110 8.7 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.259 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VN077924.D

Acq: 26 May 2023 13:53

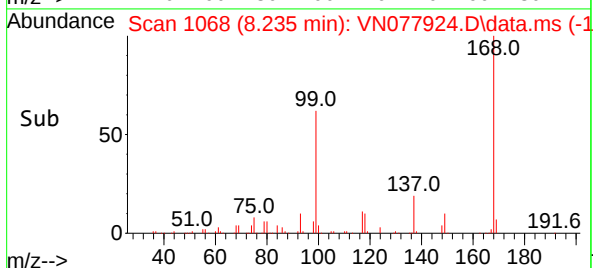
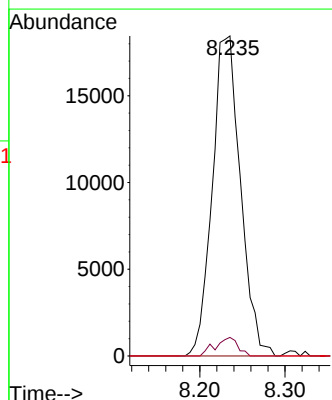
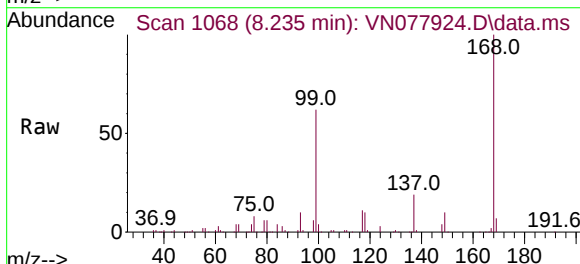
Tgt Ion: 117 Resp: 42410

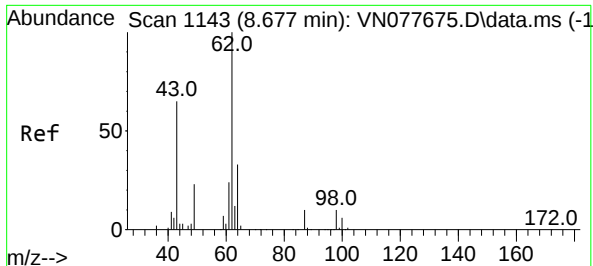
Ion Ratio Lower Upper

117 100

119 5.8 77.3 115.9#

121 0.0 23.3 34.9#





#42

1,2-Dichloroethane

Concen: 0.212 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VN077924.D

Acq: 26 May 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

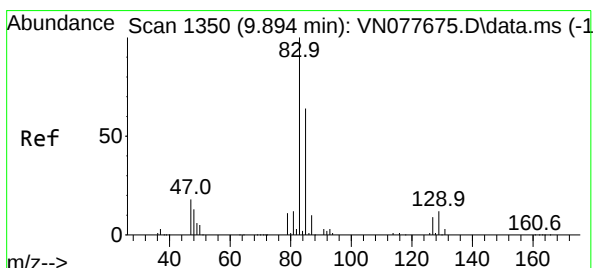
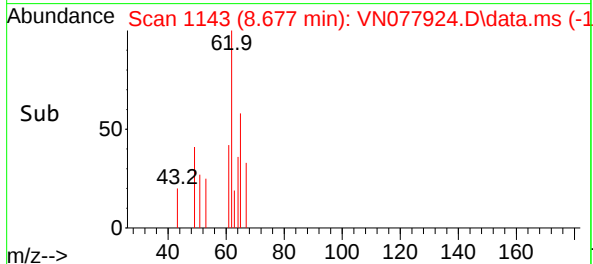
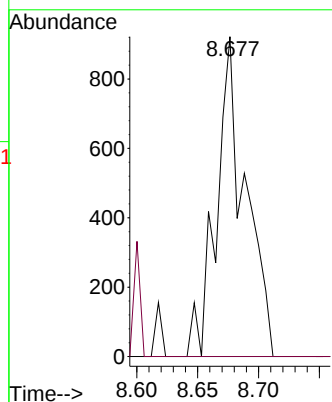
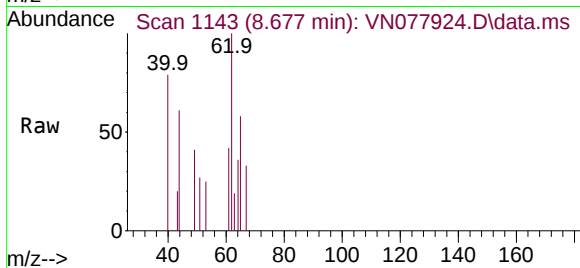
001-002-003-1

Tgt Ion: 62 Resp: 1524

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#47

Bromodichloromethane

Concen: 1.084 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.006 min

Lab File: VN077924.D

Acq: 26 May 2023 13:53

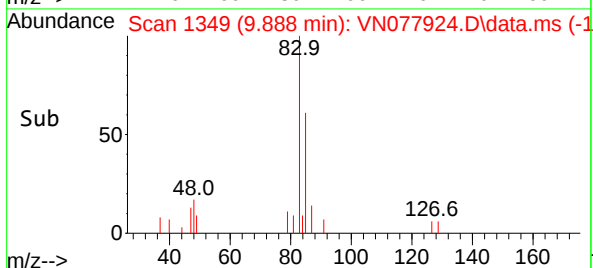
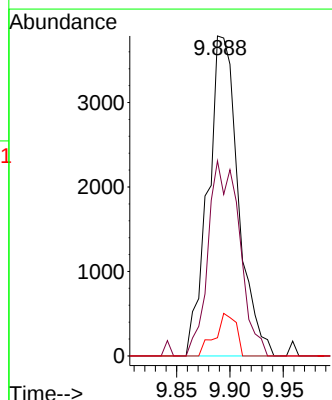
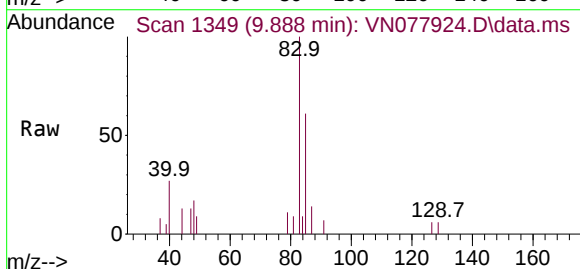
Tgt Ion: 83 Resp: 7500

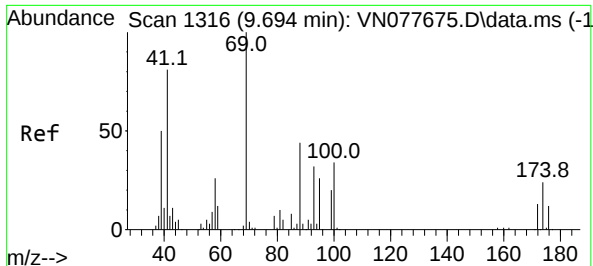
Ion Ratio Lower Upper

83 100

85 61.0 49.6 74.4

127 5.7 7.0 10.6

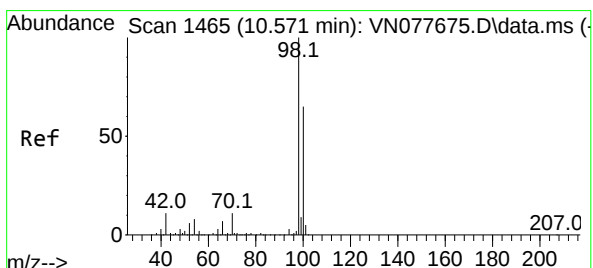
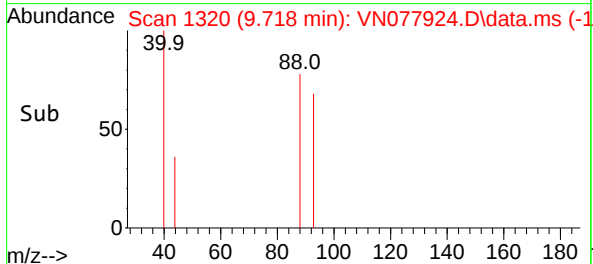
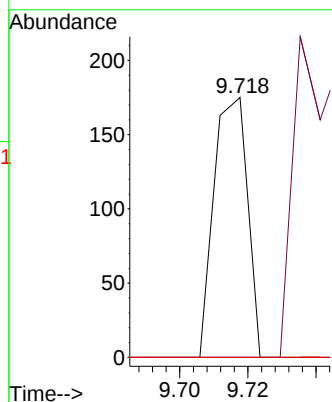
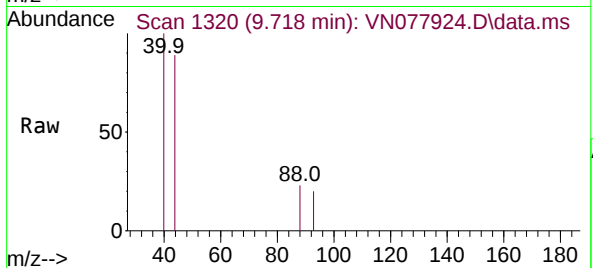




#49
1,4-Dioxane
Concen: 1.360 ug/l
RT: 9.718 min Scan# 119
Delta R.T. 0.024 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

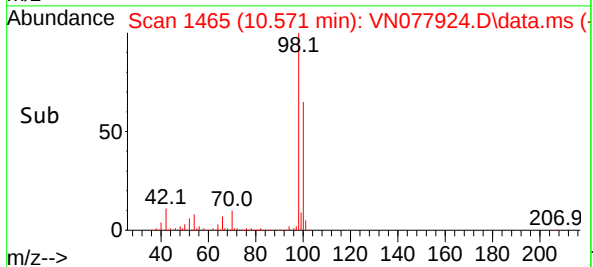
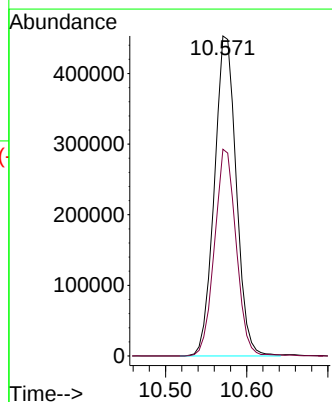
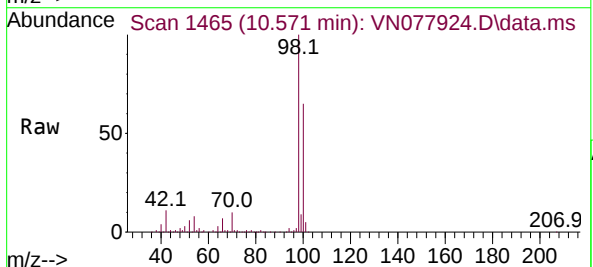
Instrument :
MSVOA_N
ClientSampleId :
001-002-003-1

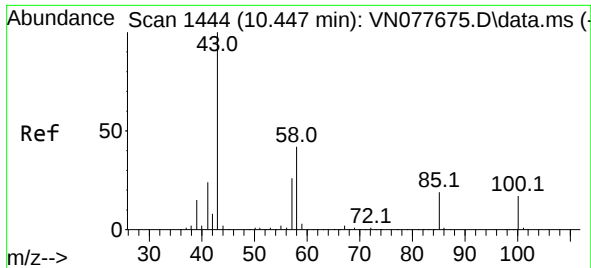
Tgt Ion: 88 Resp: 119
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#



#50
Toluene-d8
Concen: 48.095 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

Tgt Ion: 98 Resp: 849242
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

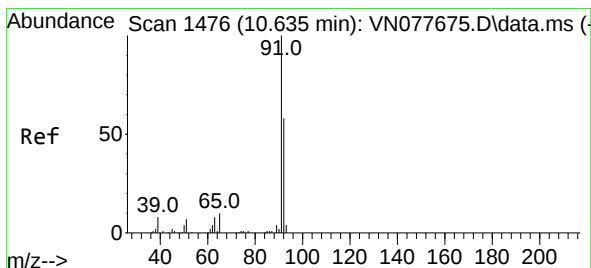
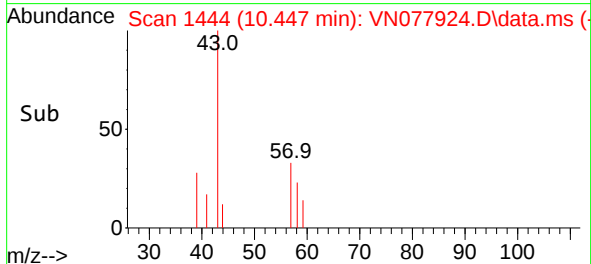
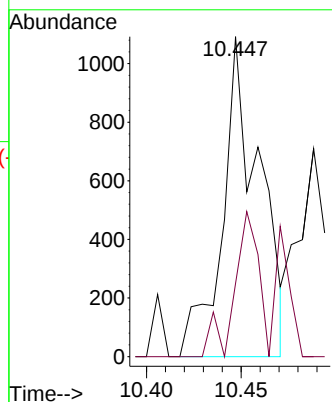
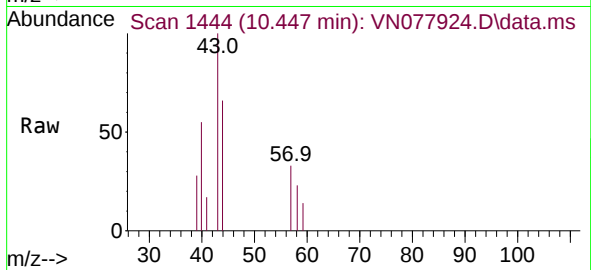




#51
4-Methyl-2-Pentanone
Concen: 0.253 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

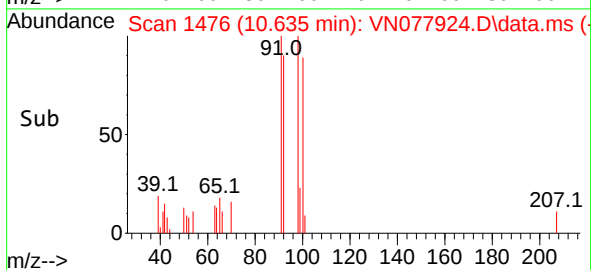
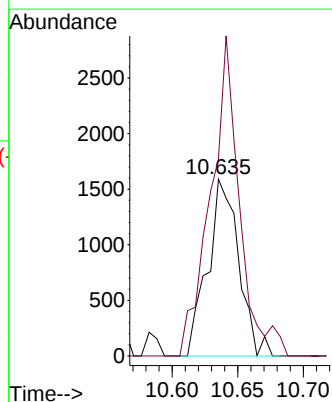
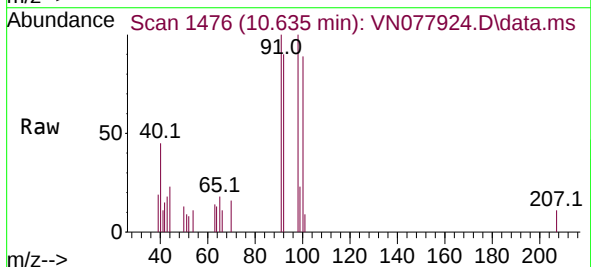
Instrument :
MSVOA_N
ClientSampleId :
001-002-003-1

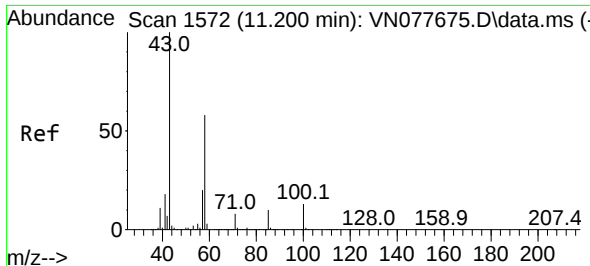
Tgt Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
58 30.0 36.6 54.8#



#52
Toluene
Concen: 0.212 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

Tgt Ion: 92 Resp: 2610
Ion Ratio Lower Upper
92 100
91 169.0 137.4 206.0

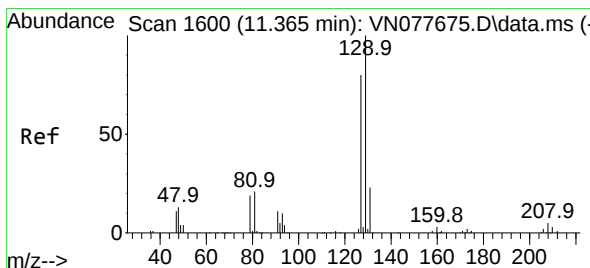
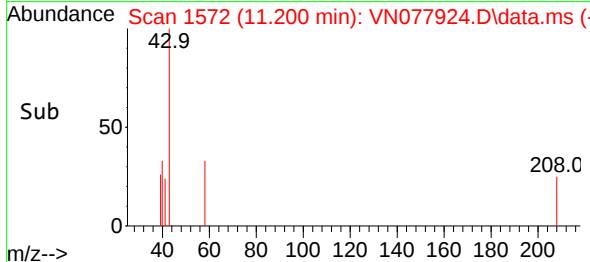
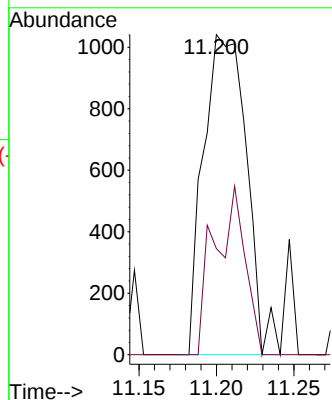
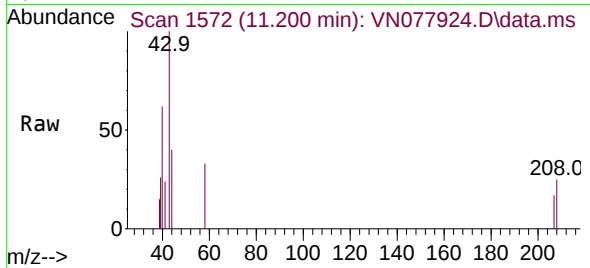




#59
2-Hexanone
Concen: 0.469 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

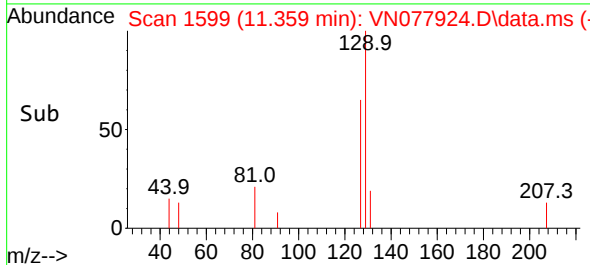
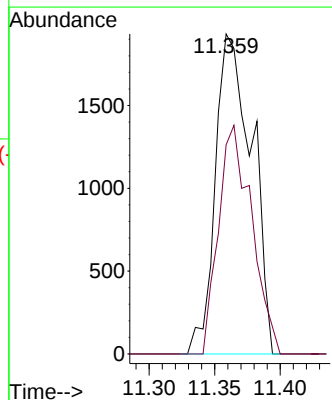
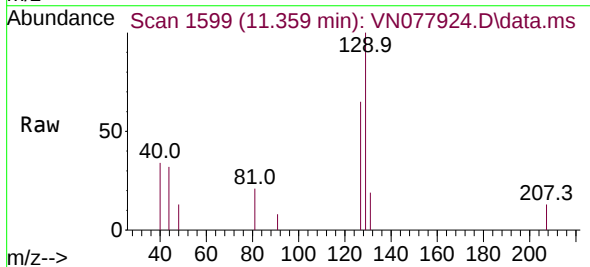
Instrument :
MSVOA_N
ClientSampleId :
001-002-003-1

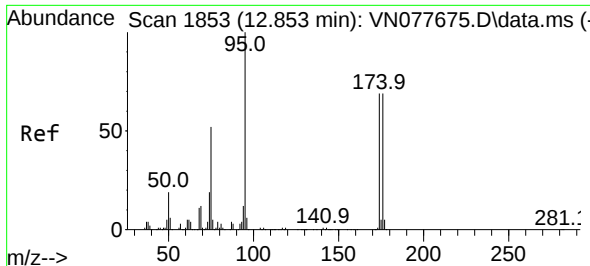
Tgt Ion: 43 Resp: 2014
Ion Ratio Lower Upper
43 100
58 37.5 31.7 95.1



#60
Dibromochloromethane
Concen: 0.740 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

Tgt Ion: 129 Resp: 3737
Ion Ratio Lower Upper
129 100
127 64.8 38.6 116.0

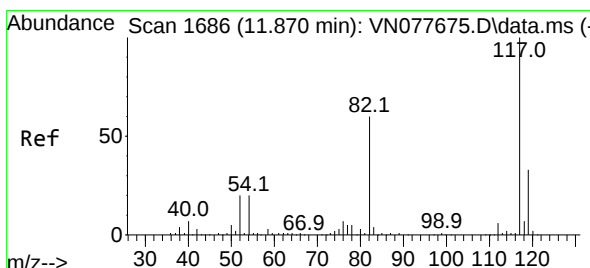
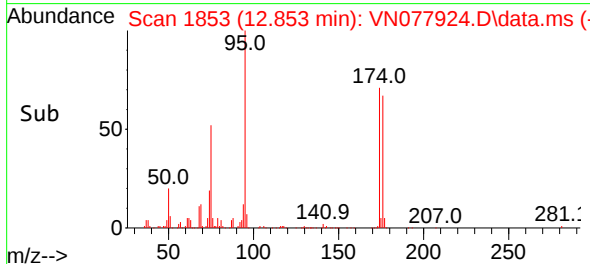
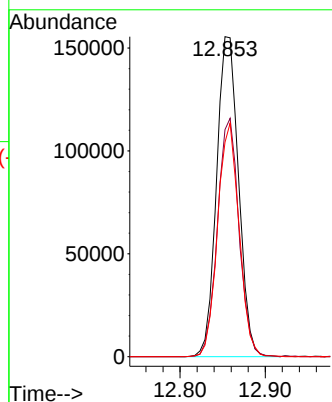
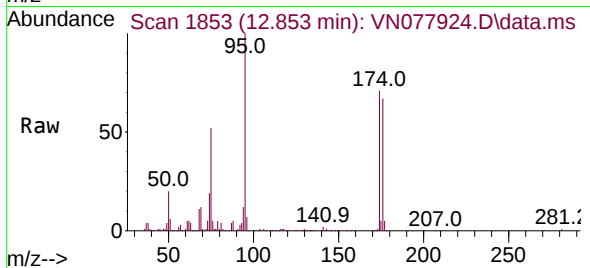




#62
4-Bromofluorobenzene
Concen: 44.669 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

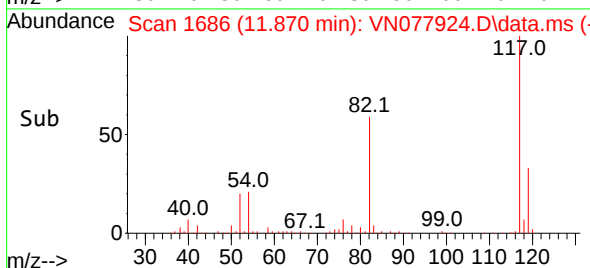
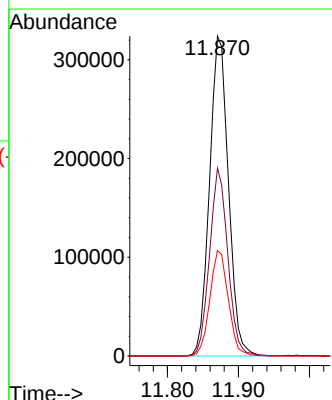
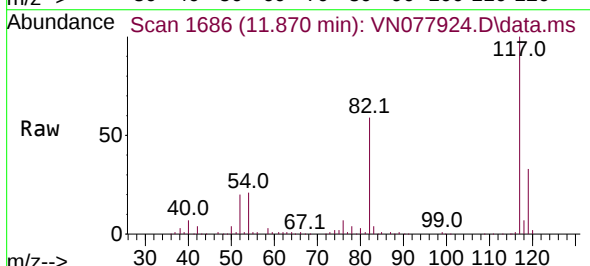
Instrument :
MSVOA_N
ClientSampleId :
001-002-003-1

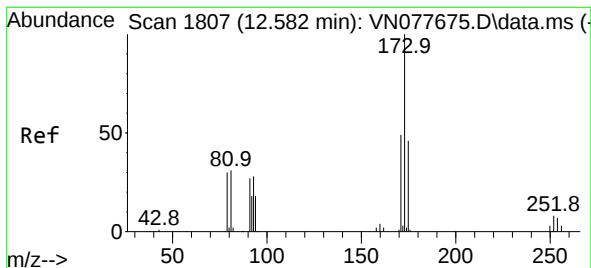
Tgt Ion: 95 Resp: 278572
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 71.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

Tgt Ion: 117 Resp: 598481
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 32.9 25.6 38.4





#71

Bromoform

Concen: 0.208 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN077924.D

Acq: 26 May 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

001-002-003-1

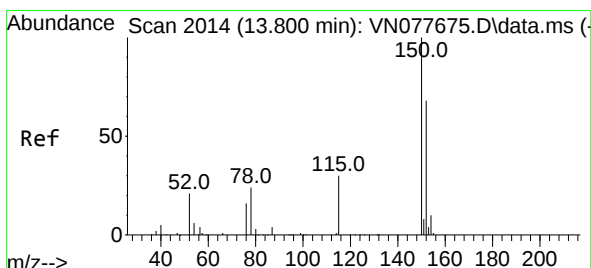
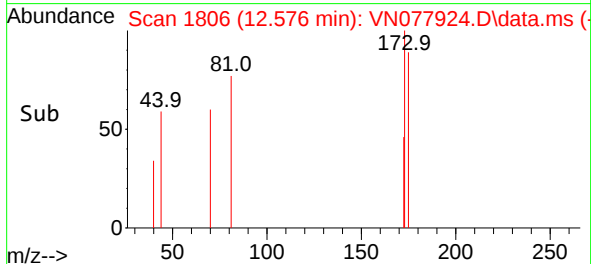
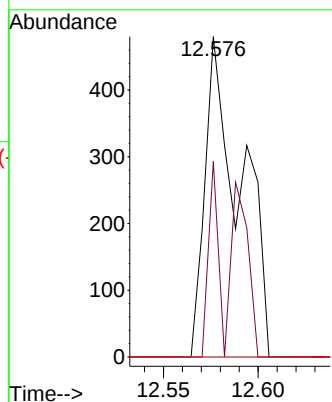
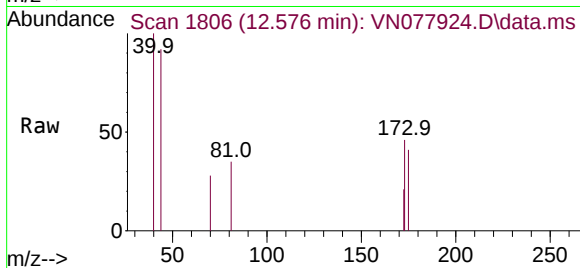
Tgt Ion:173 Resp: 621

Ion Ratio Lower Upper

173 100

175 0.0 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077924.D

Acq: 26 May 2023 13:53

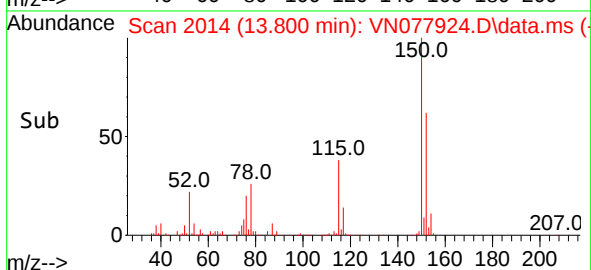
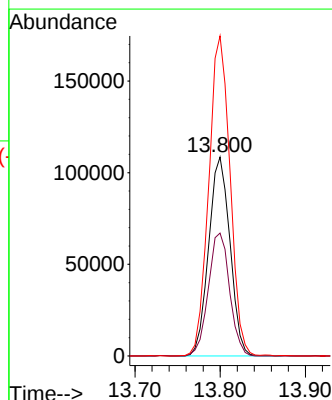
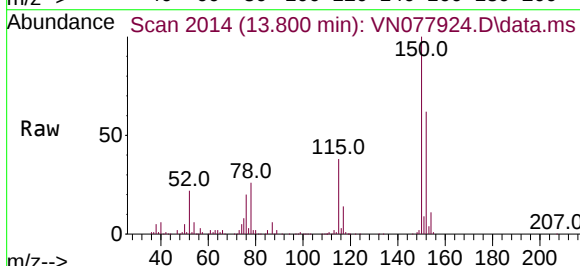
Tgt Ion:152 Resp: 188263

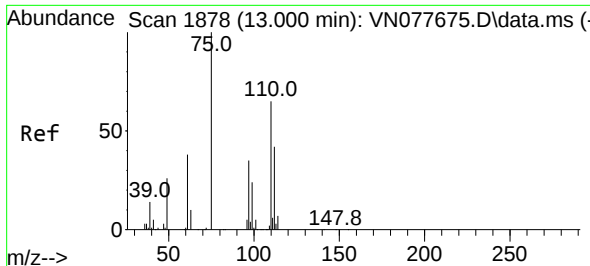
Ion Ratio Lower Upper

152 100

115 61.7 32.3 96.8

150 160.7 0.0 355.8

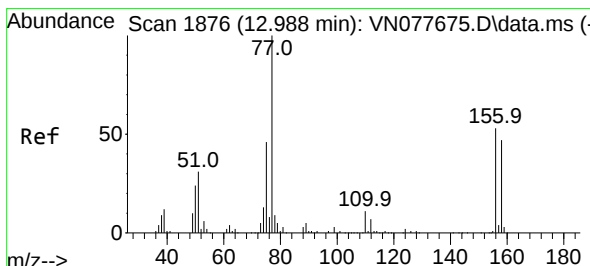
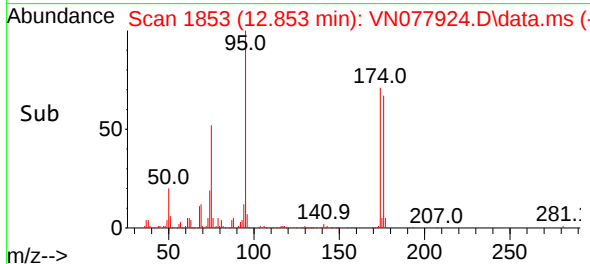
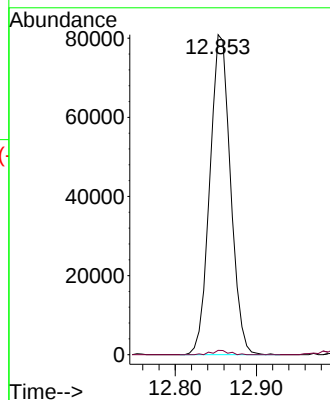
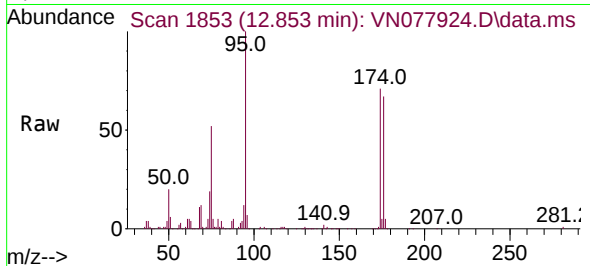




#76
1,2,3-Trichloropropane
Concen: 30.360 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

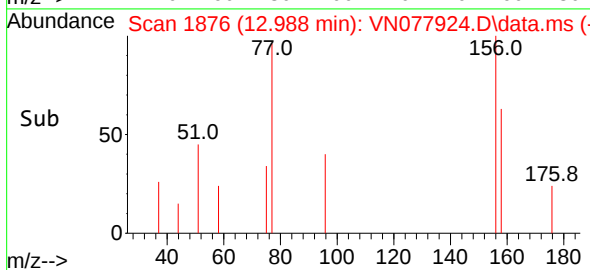
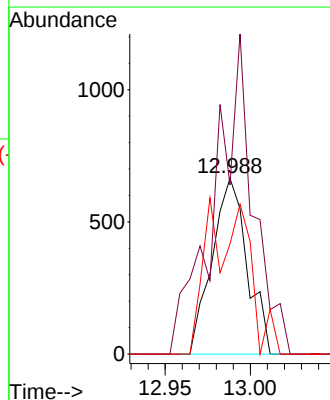
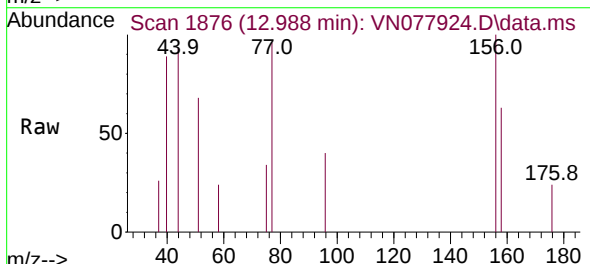
Instrument :
MSVOA_N
ClientSampleId :
001-002-003-1

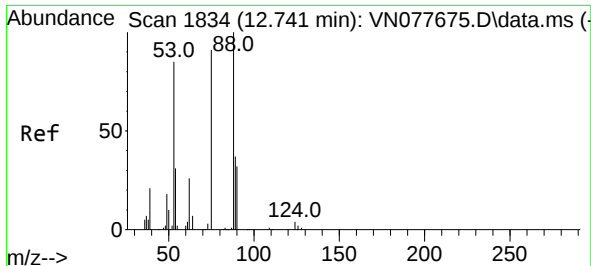
Tgt Ion: 75 Resp: 143142
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#



#77
Bromobenzene
Concen: 0.257 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

Tgt Ion:156 Resp: 952
Ion Ratio Lower Upper
156 100
77 199.8 107.7 323.3
158 43.1 48.4 145.3#

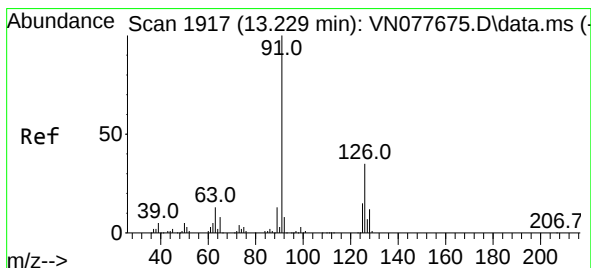
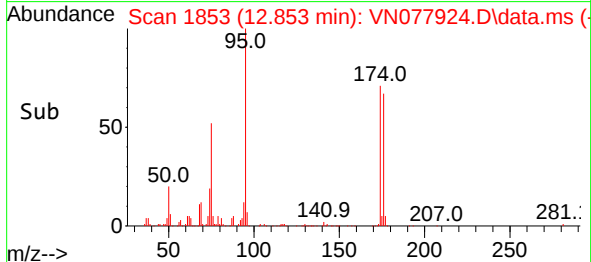
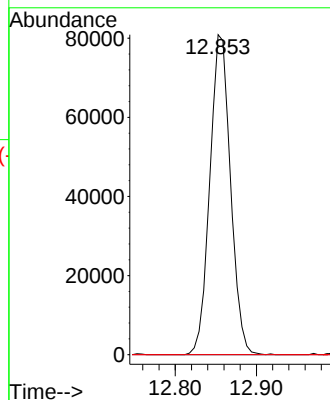
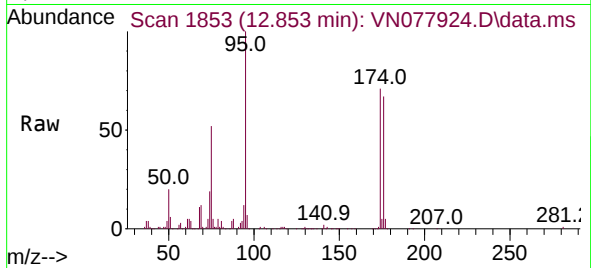




#81
trans-1,4-Dichloro-2-butene
Concen: 97.047 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

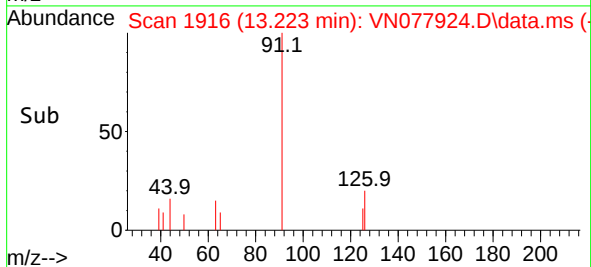
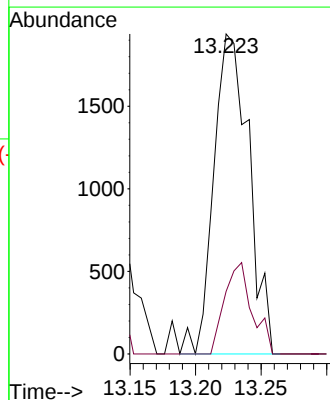
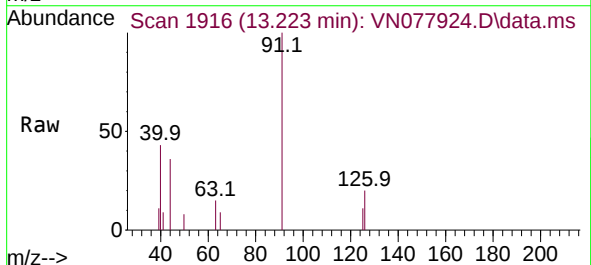
Instrument :
MSVOA_N
ClientSampleId :
001-002-003-1

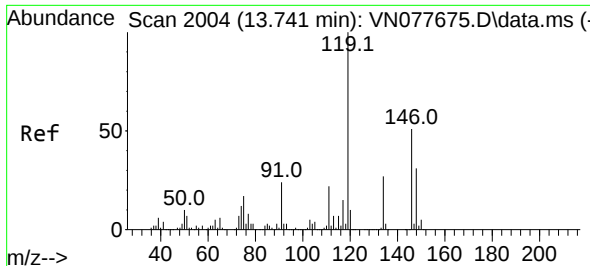
Tgt Ion: 75 Resp: 143142
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.317 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

Tgt Ion: 91 Resp: 3604
Ion Ratio Lower Upper
91 100
126 22.4 16.7 50.0





#87

1,3-Dichlorobenzene

Concen: 0.337 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN077924.D

Acq: 26 May 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

001-002-003-1

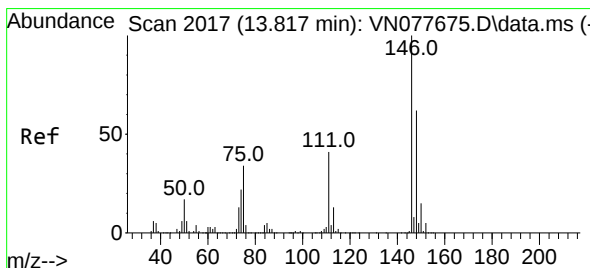
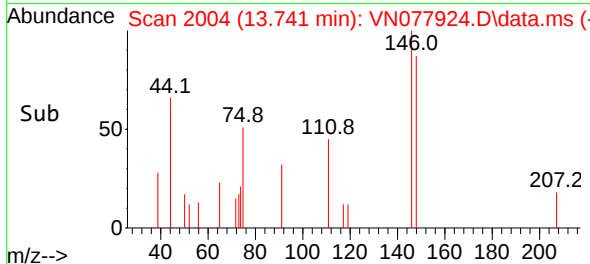
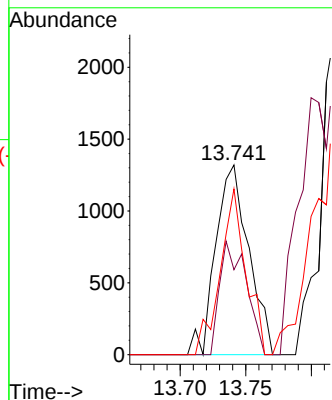
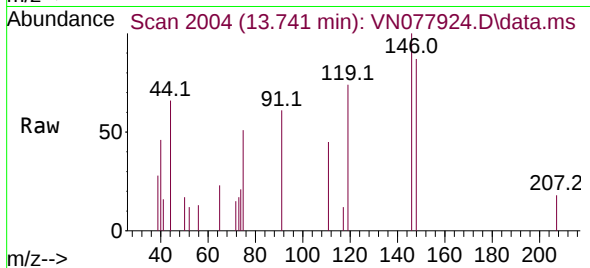
Tgt Ion:146 Resp: 2310

Ion Ratio Lower Upper

146 100

111 47.8 22.1 66.3

148 68.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.340 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.076 min

Lab File: VN077924.D

Acq: 26 May 2023 13:53

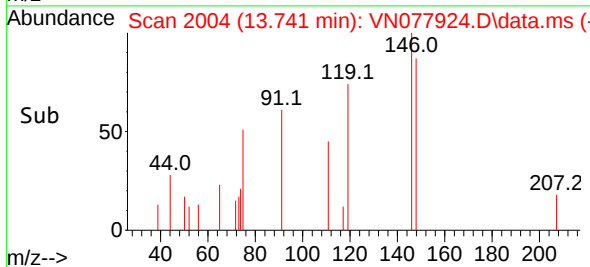
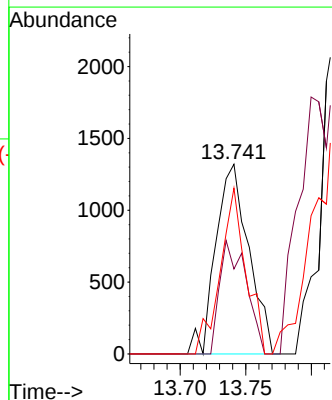
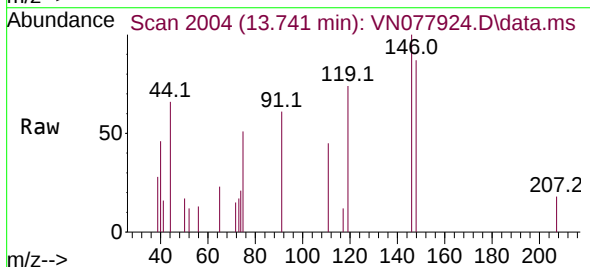
Tgt Ion:146 Resp: 2310

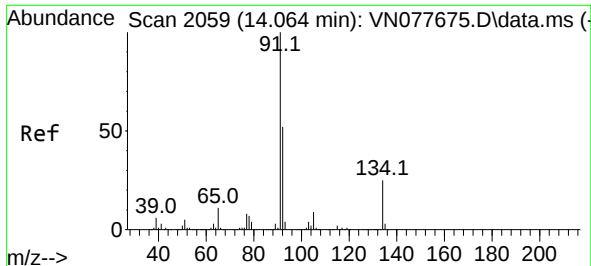
Ion Ratio Lower Upper

146 100

111 47.8 20.6 61.8

148 68.1 31.6 94.8

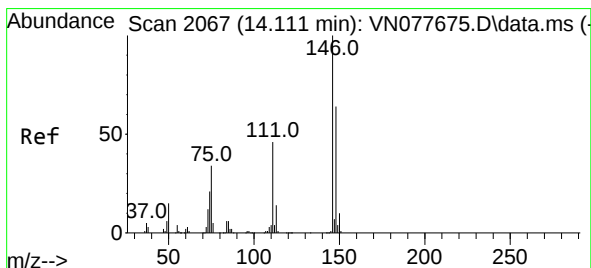
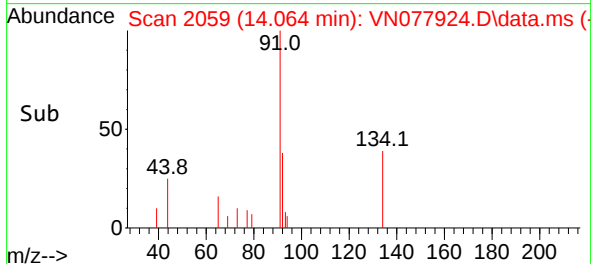
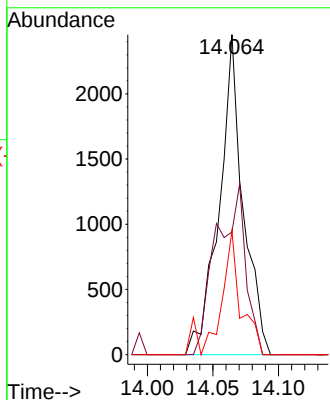
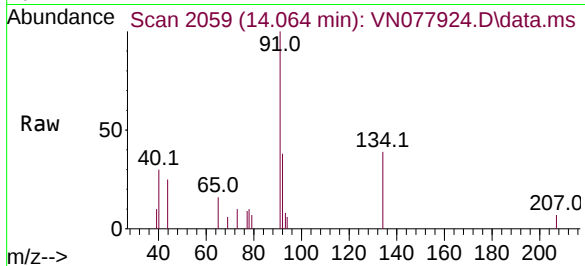




#89
n-Butylbenzene
Concen: 0.251 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

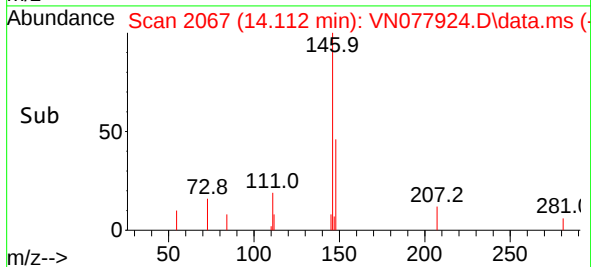
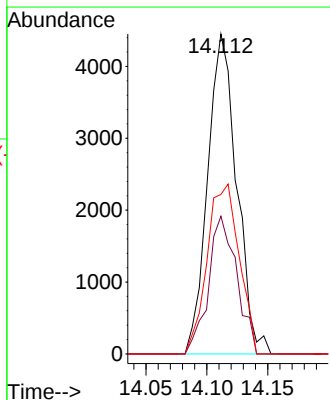
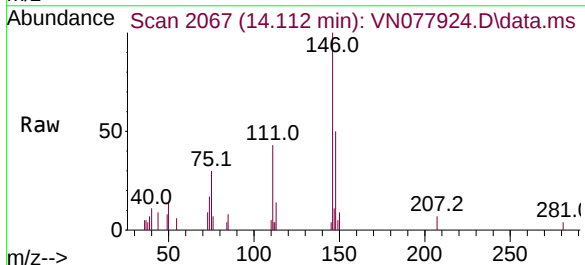
Instrument :
MSVOA_N
ClientSampleId :
001-002-003-1

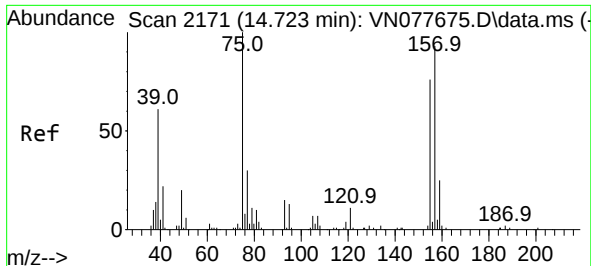
Tgt Ion: 91 Resp: 3116
Ion Ratio Lower Upper
91 100
92 64.7 26.4 79.0
134 29.5 12.6 37.6



#91
1,2-Dichlorobenzene
Concen: 1.154 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

Tgt Ion: 146 Resp: 7382
Ion Ratio Lower Upper
146 100
111 41.8 22.0 66.0
148 58.6 31.8 95.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.213 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN077924.D

Acq: 26 May 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

001-002-003-1

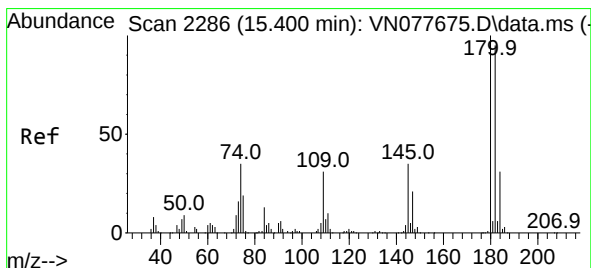
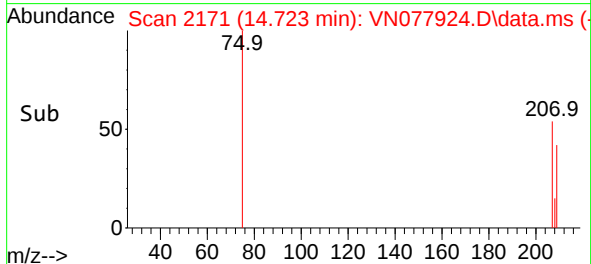
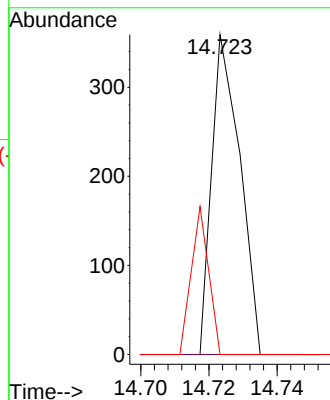
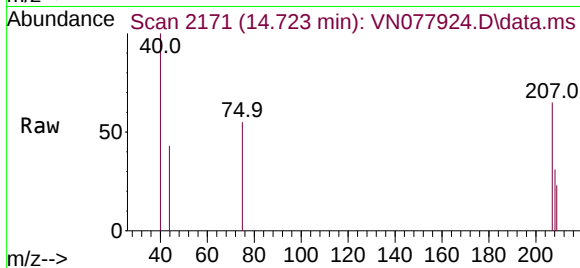
Tgt Ion: 75 Resp: 206

Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

157 28.6 50.3 150.9#



#93

1,2,4-Trichlorobenzene

Concen: 0.554 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.006 min

Lab File: VN077924.D

Acq: 26 May 2023 13:53

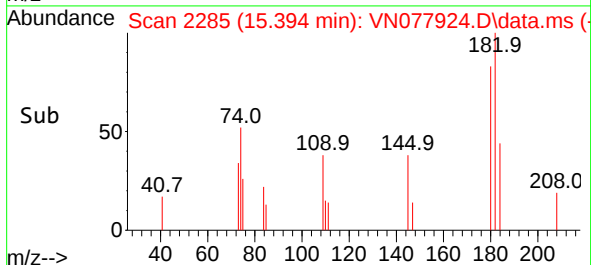
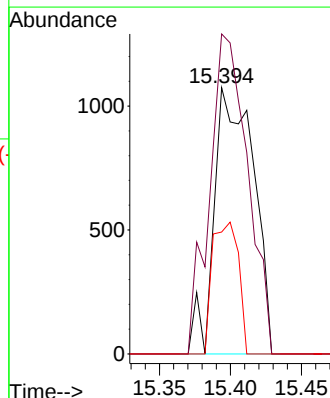
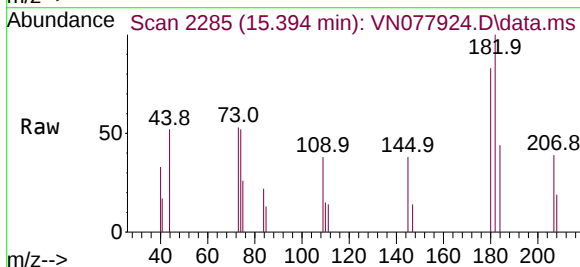
Tgt Ion: 180 Resp: 2073

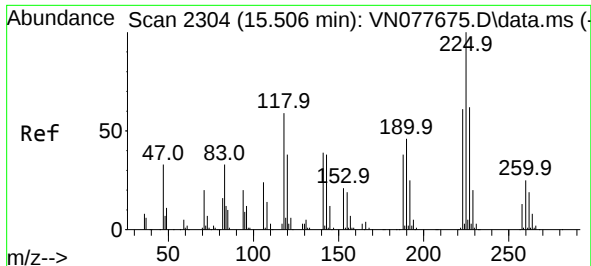
Ion Ratio Lower Upper

180 100

182 116.5 46.1 138.2

145 32.7 16.6 49.8

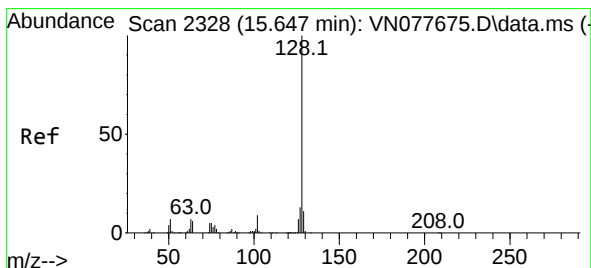
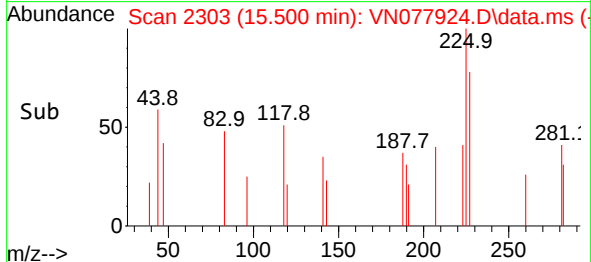
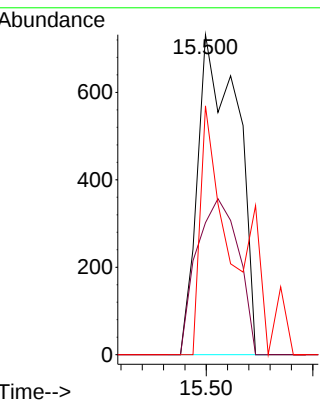
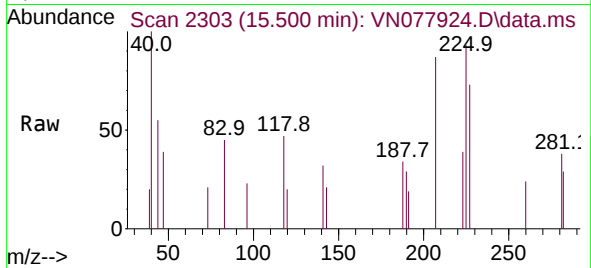




#94
Hexachlorobutadiene
Concen: 0.611 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

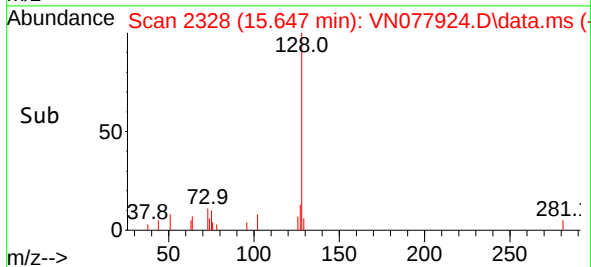
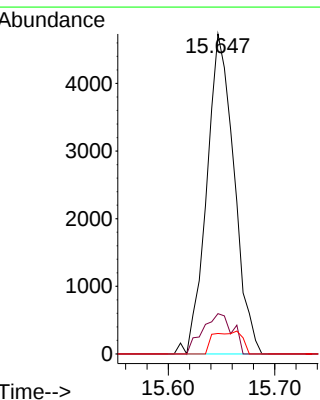
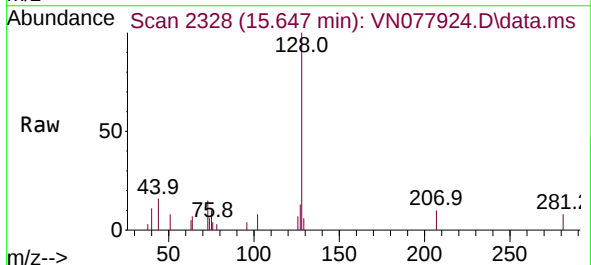
Instrument :
MSVOA_N
ClientSampleId :
001-002-003-1

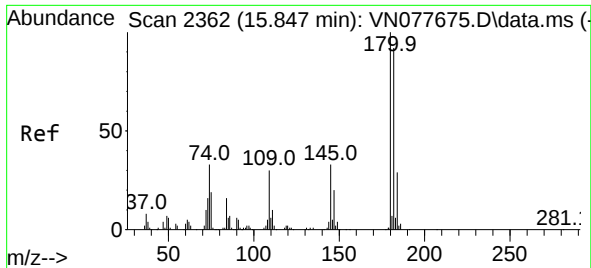
Tgt Ion:	225	Resp:	949
Ion	Ratio	Lower	Upper
225	100		
223	51.4	31.3	93.8
227	67.2	31.9	95.9



#95
Naphthalene
Concen: 0.655 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

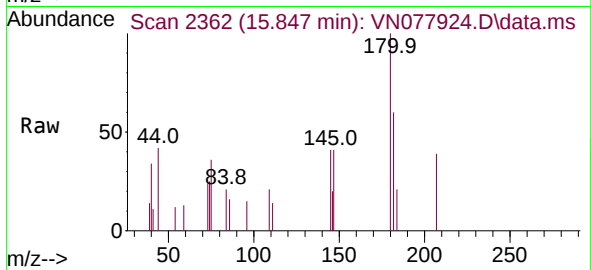
Tgt Ion:	128	Resp:	8434
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.0	15.0
129	7.4	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.787 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077924.D
 Acq: 26 May 2023 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 001-002-003-1



Tgt Ion:	180	Resp:	2882
Ion	Ratio	Lower	Upper
180	100		
182	87.2	46.2	138.6
145	28.2	17.5	52.6

